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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30365

FACT SHEET

LEES LANE LANDFILL
LOUISVILLE
JEFFERSON COUNTY, KENTUCKY
OCTOBER 1984For More Info contact:
H. Michael Henderson
Office of Public Affairs
404-881-3004SITE HISTORY

- The 125 acres Lees Lane Landfill is located along the Ohio River approximately 4.4 miles southwest of Louisville, Kentucky.
- Methane gas migrating from landfill forced seven families to evacuate their homes in 1975.
- Operating permits for the landfill expired in the Fall of 1974 and the landfill was closed in the Spring of 1975.
- Jefferson County installed gas venting system in 1980 to alleviate methane problem.
- Monitoring wells were installed by the State of Kentucky in 1980.
- Resistivity and magnetometer surveys were conducted and samples of leachate and sediment were taken.
- Approximately 400 - 55 gallon drums containing hazardous materials were discovered on the site in the Spring 1980.
- The drums were removed in the Fall 1981 by the owner as a result of a court order.
- EPA contractors installed monitoring wells in 1983.

CURRENT STATUS

- Existing data has been reviewed and a draft work plan and community relations plan prepared.
- Remedial Investigation activities will begin during the the month of October 1984, and will continue for the next six months or until necessary information is acquired for proceeding to the next step.
- Establish information repository.

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REMEDIATION INVESTIGATION

Proposed activities necessary to determine extent and nature of waste on site and of environmental contamination:

- Conduct site reconnaissance and collect data from local sources.
- Mobilize field equipment; set-up onsite facilities.
- Conduct geophysical investigation and scan monitoring well locations with magnetometer.
- Install new monitoring wells.
- Sample industrial, private and state wells.
- Collect surface soil, surface water and sediment samples.
- Install temporary well points and collect leachate and Ohio River samples.
- Conduct bank erosion investigation.
- Collect samples from new monitoring wells and Indiana water supply wells; demobilize.

FEASIBILITY STUDY

Upon completion of the remedial investigation, conduct feasibility study:

- Study will identify and evaluate the appropriate remedial actions for the site.
- Most cost-effective remedial alternative will be recommended.

FUTURE PLANS

- Schedule a hearing for public comment on the selected alternative.
- Schedule a period for written comment on selected alternative.

STATE OF KENTUCKY CONTACT

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